

Appl. No. : 10/698,236
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AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims.

1. (Original) An infrared communication system for an exercise machine, said infrared communication system comprising a holder arranged to support a portable electronic device in at least two orientations and a transceiver mounted to communicate by infrared signal to said portable electronic device positioned within said holder, said holder formed of a material that is generally transparent to infrared signals and that is optically opaque.
2. (Original) The system of Claim 1, wherein said transceiver is disposed to one side of said holder.
3. (Original) The system of Claim 1, wherein said holder is disposed between said transceiver and a user of said exercise machine.
4. (Original) The system of Claim 1, wherein said transceiver is remotely mounted next to said holder.
5. (Original) The system of Claim 1, wherein said holder includes a generally cylindrical portion and a recessed slot portion that intersect to effectively hold accessories.
6. (Original) The system of Claim 1, wherein said device comprises a personal data assistant.
7. (Original) The system of Claim 1, wherein said exercise machine comprises a treadmill.
8. (Original) An exercise device comprising a display console, said display console comprising a holder, an infrared port being disposed proximate said holder and having a cone of emission that intersects said holder, said holder comprising a first recess and a second recess, said first recess being vertically above said second recess and at least a portion of said first recess overlapping at least a portion of said second recess.
9. (Original) The device of Claim 8, wherein said first recess is a generally rectangular recess.
10. (Original) The device of Claim 9, wherein said second recess is a generally rectangular recess.
11. (Original) The device of Claim 10, wherein a long side of said first generally rectangular recess is longer than a long side of said second generally rectangular recess.

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12. (Original) The device of Claim 8 further comprising a generally cylindrical recess having a bottom surface that is disposed vertically between said first recess and said second recess.

13. (Original) The device of Claim 12, wherein said first recess intersects at least a portion of said cylindrical recess.

14. (Original) The device of Claim 8, wherein at least a portion of said holder is formed of a material that is generally transparent to infrared radiation.

15. (Original) The device of Claim 14, wherein said portion of said holder is generally optically opaque.

16. (Original) The device of Claim 14, wherein said material is transmissive of wavelengths greater than about 700 nanometers.

17. (Currently Amended) An exercise device comprising a display console, said display console comprising a holder and a device infrared transceiver disposed proximate said holder, said holder comprising means for aligning [[a PDA]] an infrared transceiver of a PDA having any [[each]] of a plurality of PDA configurations with said device infrared transceiver while supporting said PDA.

18. (Original) The device of Claim 17, wherein said means comprises at least one recess in said holder.

19. (Original) The device of Claim 17, wherein said means comprises two recesses formed in said holder.

20. (Currently Amended) An exercise device comprising a frame assembly, a device infrared transceiver being supported by said frame assembly and means for aligning a PDA infrared transceiver of each PDA having any of a plurality of PDA configurations with said device infrared transceiver while supporting said PDA relative to said frame.

21. (Original) An exercise device comprising a frame assembly, a housing supporting by said frame assembly, said housing comprising a holder, said holder configured to support a portable electronic device, said exercise device further comprising a wireless communications hub that is adapted to transfer data to and from said portable electronic device.

22. (Original) The device of Claim 21, wherein said wireless communications hub comprises an infrared transceiver.

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23. (Original) The device of Claim 22, wherein said holder comprises a pair of intersecting recesses.

24. (Original) The device of Claim 23, wherein a first of said pair of intersecting recesses is generally rectangular in cross-section and a second of said pair of intersecting recesses is generally cylindrical in cross-section.

25. (Original) The device of Claim 24, wherein said holder has at least a portion formed of a material that is generally transparent to infrared radiation.

26. (New) A wireless communication system for an exercise machine, said wireless communication system comprising a holder arranged to support a portable electronic device in at least two orientations and a wireless communication device mounted to communicate with said portable electronic device positioned within said holder, said holder formed of a material that is generally transparent to wireless signals and that is optically opaque.

27. (New) The system of Claim 26, wherein said wireless communication system comprises a transceiver that is disposed to one side of said holder.

28. (New) The system of Claim 26, wherein said wireless communication system comprises a transceiver and said holder is disposed between said transceiver and a user of said exercise machine.

29. (New) The system of Claim 26, wherein said wireless communication system comprises a transceiver and said transceiver is remotely mounted next to said holder.

30. (New) The system of Claim 26, wherein said holder includes a generally cylindrical portion and a recessed slot portion that intersect to effectively hold accessories.

31. (New) The system of Claim 26, wherein said device comprises a personal data assistant.

32. (New) The system of Claim 26, wherein said exercise machine comprises a treadmill.

33. (New) An exercise device comprising a display console, said display console comprising a holder, a wireless communication component being disposed proximate said holder and having a cone of emission that intersects said holder, said holder comprising a first recess and a second recess, said first recess being vertically above said second recess and at least a portion of said first recess overlapping at least a portion of said second recess.

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34. (New) The device of Claim 33, wherein said first recess is a generally rectangular recess.

35. (New) The device of Claim 34, wherein said second recess is a generally rectangular recess.

36. (New) The device of Claim 35, wherein a long side of said first generally rectangular recess is longer than a long side of said second generally rectangular recess.

37. (New) The device of Claim 33 further comprising a generally cylindrical recess having a bottom surface that is disposed vertically between said first recess and said second recess.

38. (New) The device of Claim 37, wherein said first recess intersects at least a portion of said cylindrical recess.

39. (New) The device of Claim 33, wherein at least a portion of said holder is formed of a material that is generally transparent to infrared radiation.

40. (New) The device of Claim 39, wherein said portion of said holder is generally optically opaque.

41. (New) The device of Claim 39, wherein said material is transmissive of wavelengths greater than about 700 nanometers.

42. (New) The system of Claim 39, wherein said transceiver enables communication between the exercise machine and only one of said portable electronic device during operation of the exercise machine.

43. (New) The system of Claim 42, wherein a communication range between said transceiver and said portable electronic device is less than about three feet.

44. (New) The system of Claim 43, wherein a communication range between said transceiver and said portable electronic device is less than about one foot.

45. (New) The system of Claim 44, wherein a communication range between said transceiver and said portable electronic device is less than about six inches.

46. (New) The device of Claim 8, wherein said infrared port enables communication between the exercise machine and only one portable electronic device during operation of the exercise machine.

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47. (New) The device of Claim 8, wherein a communication range between said infrared port and a portable electronic device is less than about three feet.

48. (New) The device of Claim 47, wherein a communication range between said infrared port and said portable electronic device is less than about one foot.

49. (New) The device of Claim 48, wherein a communication range between said infrared port and said portable electronic device is less than about six inches.

50. (New) The device of Claim 17, wherein said device infrared transceiver enables communication between the exercise machine and only one of said PDA during operation of the exercise machine.

51. (New) The device of Claim 17, wherein a communication range between said device infrared transceiver and said PDA is less than about three feet.

52. (New) The device of Claim 43, wherein a communication range between said device infrared transceiver and said PDA is less than about one foot.

53. (New) The device of Claim 44, wherein a communication range between said device infrared transceiver and said PDA is less than about six inches.

54. (New) The device of Claim 20, wherein said device infrared transceiver enables communication between the exercise machine and only one of said PDA during operation of the exercise machine.

55. (New) The device of Claim 20, wherein a communication range between said device infrared transceiver and said PDA is less than about three feet.

56. (New) The device of Claim 55, wherein a communication range between said device infrared transceiver and said PDA is less than about one foot.

57. (New) The device of Claim 56, wherein a communication range between said device infrared transceiver and said PDA is less than about six inches.